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# PIR

S-18639

PHOTOGRAPHIC INTERPRETATION REPORT



Declass Review by NIMA/DOD

ICBM COMPLEX  
KARTALY, USSR

LAUNCH AREAS  
D, E, F, G, H

TCS-80863/65

JULY 1965

COPY

8 PAGES

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PHOTOGRAPHIC INTERPRETATION REPORT

# ICBM COMPLEX, KARTALY, USSR LAUNCH AREAS D, E, F, G, H

July 1965

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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|                            |               |
|----------------------------|---------------|
| Launch Site A (TDI Site 1) | 53-01N 60-27E |
| Launch Site B (TDI Site 2) | 52-57N 60-33E |
| Launch Site C (TDI Site 3) | 52-55N 60-25E |
| Launch Site D (TDI Site 4) | 52-51N 60-27E |
| Launch Site E (TDI Site 5) | 53-00N 60-16E |
| Launch Site F (TDI Site 6) | 53-04N 60-18E |
| Launch Site G (TDI Site 7) | 53-09N 60-42E |
| Launch Site H (TDI Site 8) | 53-08N 60-34E |

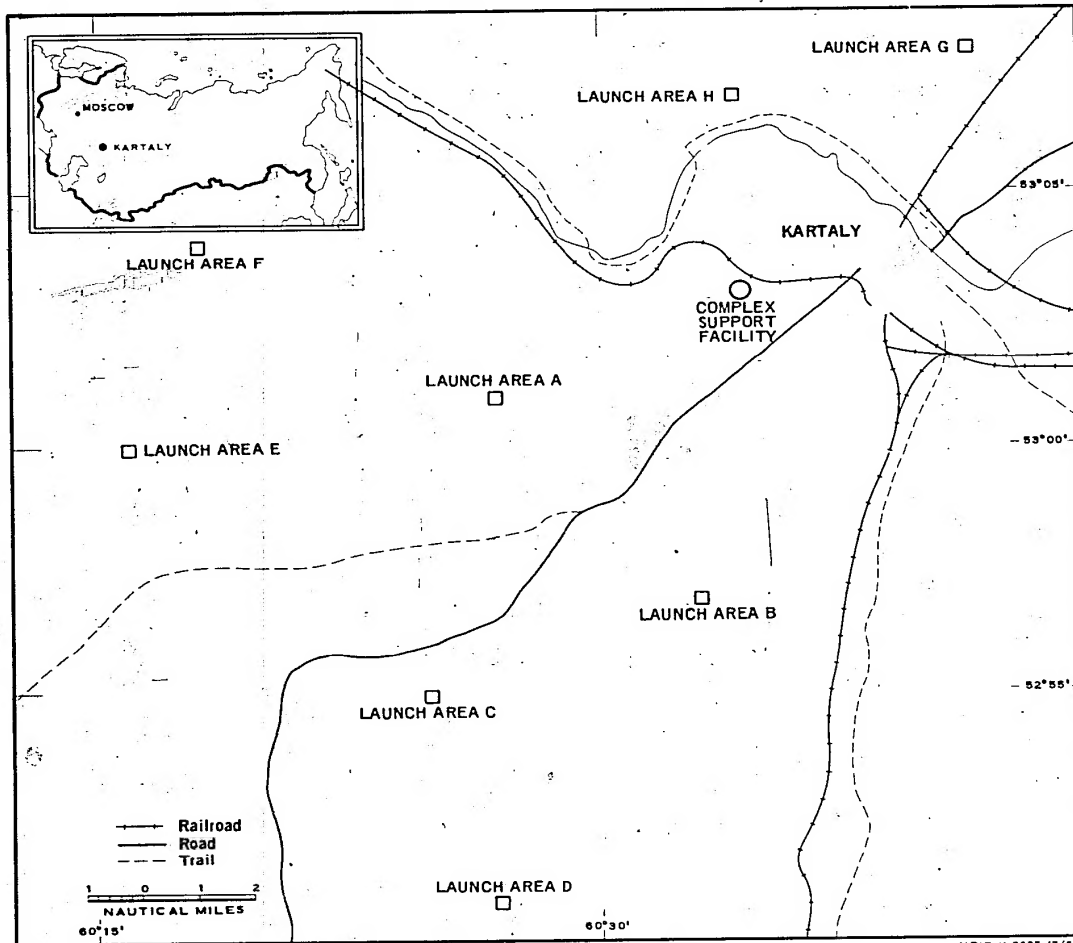


FIGURE 1. LOCATION OF COMPLEX.

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This report, based on KEYHOLE photography through [REDACTED], presents information on Launch Areas D, E, F, G, and H identified at the Kartaly ICBM Complex (Figure 1) since [REDACTED] and supplements NPIC/R-5138/64, dated [REDACTED]

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#### LAUNCH AREA D

Launch Area D (Figure 2) contains a Type III launch site and associated buildings. The launch area, located on gently rolling terrain 12.8 nautical miles (nm) south-southwest of the complex support facility, was first observed in [REDACTED]

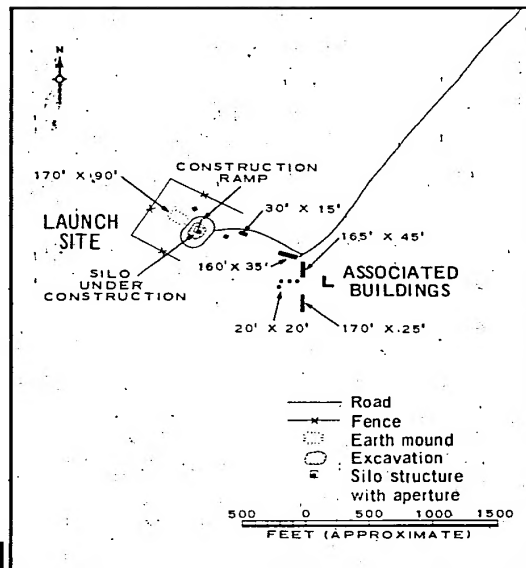
[REDACTED] There was no evidence of the launch area in [REDACTED]

[REDACTED] It was observed in a midstage of construction on good-quality photography in [REDACTED] and last observed [REDACTED]

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[REDACTED] on poor-quality photography.

The launch site contains a U-shaped silo excavation, enclosed on 3 sides by a security fence. The excavation contains a square silo structure approximately 60 by 60 feet with an aperture of undetermined diameter. Earth ramps on the east and west sides of the excavation provide access downward to the working area. A construction ramp leads from the north edge of the excavation to the silo structure. An earth mound, approximately 170 by 90 feet, is adjacent to the northwest side of the excavation. At least 3 small buildings are located in the immediate vicinity of the launch site and are probably associated with the construction activity. A group of associated buildings is located approximately 1,025 feet southeast of the silo excavation and includes 3 barracks-type buildings, 4 smaller buildings, and 1 L-shaped building with a tower on its north side.



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FIGURE 2. LAUNCH AREA D.

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## LAUNCH AREA E

Launch Area E (Figure 3) contains a Type IIC launch site and associated buildings. The launch area is located on gently rolling terrain 11 nm west-southwest of the complex support facility, in a clearing partly surrounded by trees. It was first observed in a midstage of construction

25X1D [REDACTED]. There was

25X1D no evidence of the launch area in [REDACTED]

25X1D [REDACTED] It was still in a midstage of construction on the latest coverage in [REDACTED]

25X1D [REDACTED]

25X1D [REDACTED]

The launch site contains a U-shaped silo excavation with a probable construction ramp leading from the east edge of the excavation to the silo structure. The aperture of the silo cannot be observed. An earth ramp on the west side of the excavation provides access to the working area. An earth mound approximately 85 by 80 feet is adjacent to the northwest side of the excavation;

a square earth mound is on the south-east side of the excavation. There is no discernible security fence at the launch site. Six associated buildings are located approximately 1,780 feet northwest of the launch site.

## LAUNCH AREA F

Launch Area F (Figure 4) contains a Type IIC launch site and associated buildings. The launch area is located on gently rolling terrain 9 nm west-northwest of the complex support facility, on the edge of a large clearing in a forested area. The launch area was in an early stage of construction when first observed in [REDACTED]

[REDACTED] There was no evidence of the launch area 2 weeks earlier in [REDACTED]

[REDACTED] the latest coverage of the launch area, it was in a midstage of construction.

The launch site contains a square silo excavation;

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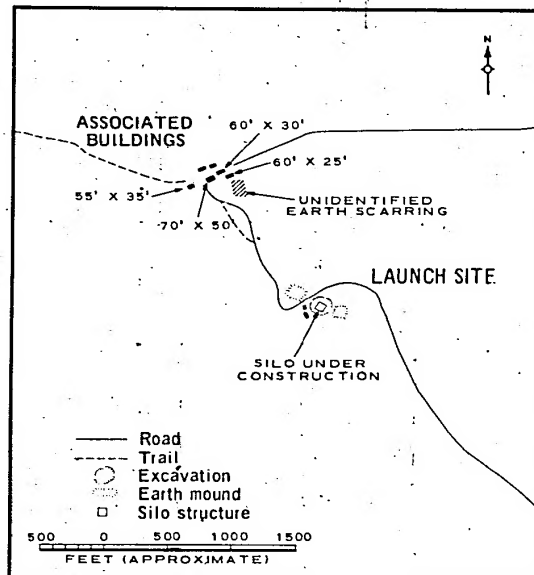
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FIGURE 3. LAUNCH AREA E.

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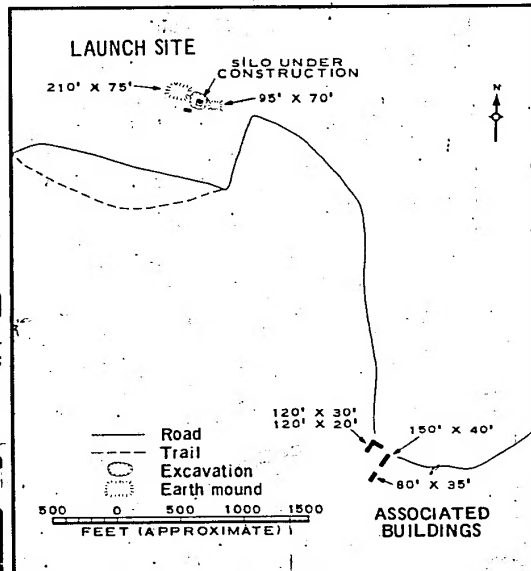


FIGURE 4. LAUNCH AREA F.

cavation with a large, rectangular earth mound on the northwest side and a square earth mound on the southeast side. There is no discernible security fence at the launch site. Three associated buildings are located approximately 4,150 feet south of the launch site.

**LAUNCH AREA G**

Launch Area G (Figure 5) contains a Type IIC launch site and probable associated buildings in a very early stage of construction. The launch area, located 8 nm north-northeast of the complex support facility, was first observed [redacted] in a very early stage of construction. There was no evidence of the launch area in [redacted]

The launch site is identified as an area of earth scarring. Probable associated buildings are under construction approximately 3,110 feet west of the area of earth scarring. There

is no discernible security fence at the launch site. Extensive track activity is evident throughout the area.

**LAUNCH AREA H**

Launch Area H (Figure 6) contains a Type IIC launch site and probable associated buildings in a very early stage of construction. It is located on the edge of a stand of trees, 4.8 nm north of the complex support facility. The launch area was first observed in [redacted] There was no evidence of the launch area 8 days earlier in [redacted]

The launch area consists of 2 areas of earth scarring, approximately 6,950 feet apart and connected by a track and a road. There is 1 building near the northern area of earth scarring, and 3 buildings in the southern area. The northern area is the location of the launch site and the southern area is the location of the probable associated buildings.

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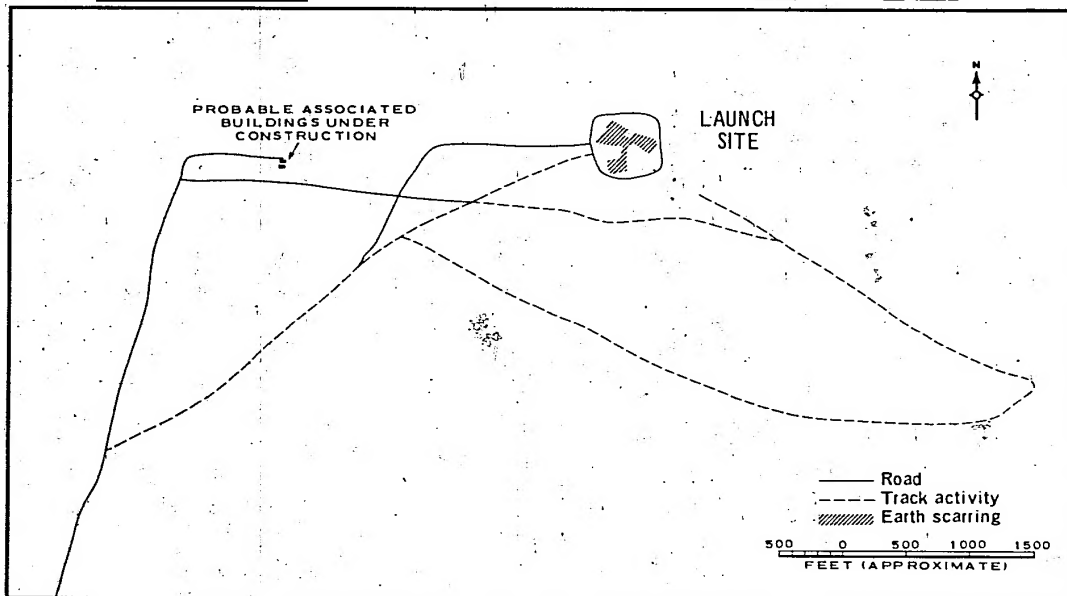


FIGURE 5. LAUNCH AREA G.

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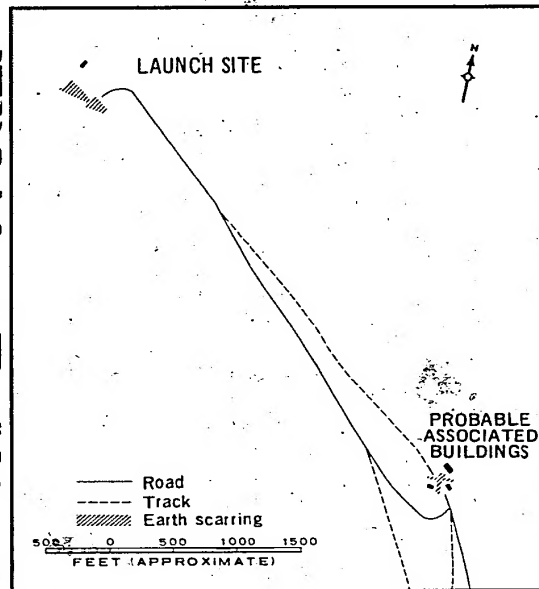
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FIGURE 6. LAUNCH AREA H.

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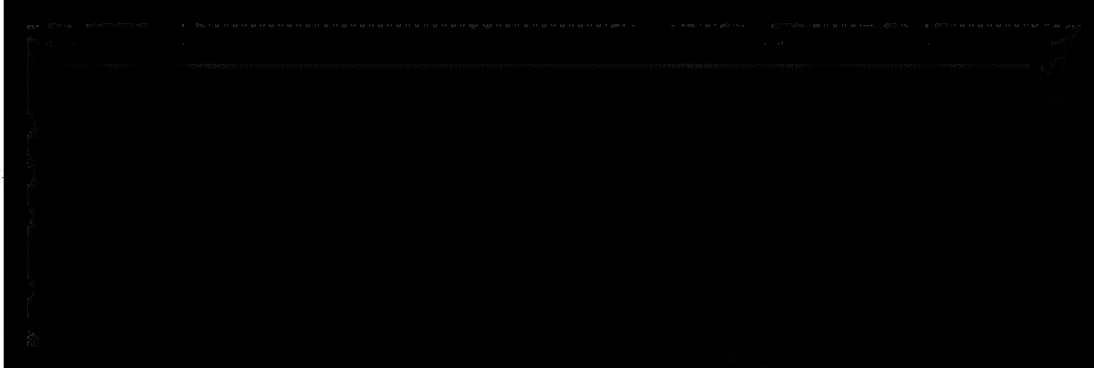
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REFERENCES

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MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0164-17A, 1st ed, Nov 59, scale 1:200,000 (SECRET)

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1. NPIC/R-5138/64, *ICBM Complex, Kartaly, USSR*, Dec 64 (TOP SECRET RUFF)

REQUIREMENT

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NPIC PROJECT

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